

DOCKET NO. 2479.2042-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ADAPTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS

the specification of which (check one)

[] is attached hereto.

[X] was filed on December 23, 2003 as United States Application Number 10/744,912.

[] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [OPTION] and assigned United States Application No. [].

[] and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	[]	[]	[]
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	[]	[]	[]
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Griffin K. Gothard

Inventor's Signature _____ Date _____

Residence 309 Harwood Avenue

Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

Full name of second joint

inventor, if any Alton S. Keel, Jr.

Inventor's Signature _____ Date _____

Residence 410 East Beaver Street

Hellam, PA 17406

Citizenship USA

Mailing Address Same As Above

Full name of third joint

inventor, if any Christopher A. Snyder

Inventor's Signature _____ Date _____

Residence 2539 Canary Isles Drive

Melbourne, FL 32901-6820

Citizenship USA

Mailing Address Same As Above

Full name of fourth joint

inventor, if any Bing Chiang

Inventor's Signature _____ Date _____

Residence 3662 Whisperwood Circle

Melbourne, FL 32901

Citizenship USA

Mailing Address Same As Above

Full name of fifth joint

inventor, if any Joe T. Richeson
Inventor's Signature _____ Date _____
Residence 2016 Blue Heron Drive
Melbourne, FL 32940
Citizenship USA
Mailing Address Same As Above

Full name of sixth joint

inventor, if any Douglas H. Wood
Inventor's Signature _____ Date _____
Residence 143 Coffee Street, S.E.
Palm Bay, FL 32907
Citizenship USA
Mailing Address Same As Above

Full name of seventh joint

inventor, if any James A. Proctor, Jr.
Inventor's Signature _____ Date _____
Residence 258 Sea View Street
Melbourne Beach, FL 32951
Citizenship USA
Mailing Address Same As Above

Full name of eighth joint

inventor, if any Kenneth M. Gainey
Inventor's Signature _____ Date _____
Residence 441 Thrush Drive
Satellite Beach, FL 32937
Citizenship USA
Mailing Address Same As Above

@PFDesktop\::ODMA/MHODMA/HBSR05;iManage;446145;1



DOCKET NO. 2479.2042-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ADAPTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS

the specification of which (check one)

- [] is attached hereto.
- [X] was filed on December 23, 2003 as United States Application Number 10/744,912.
- [] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [OPTION and assigned United States Application No. []].
- [] and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Griffin K. Gothard

Inventor's Signature _____ Date _____

Residence 309 Harwood Avenue
Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

Full name of second joint

inventor, if any Alton S. Keel, Jr.

Inventor's Signature _____ Date _____

Residence 410 East Beaver Street
Hellam, PA 17406

Citizenship USA

Mailing Address Same As Above

Full name of third joint

inventor, if any Christopher A. Suvder

Inventor's Signature _____ Date _____

Residence 2539 Canary Isles Drive
Melbourne, FL 32901-6820

Citizenship USA

Mailing Address Same As Above

Full name of fourth joint

inventor, if any Bing Ching

Inventor's Signature Bing Ching Date 1/26/04

Residence 3662 Whisperwood Circle
Melbourne, FL 32901

Citizenship USA

Mailing Address Same As Above

Full name of fifth joint

inventor, if any Joe T. Richeson

Inventor's Signature _____ Date _____

Residence 2016 Blue Heron Drive

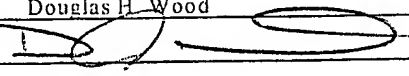
Melbourne, FL 32940

Citizenship USA

Mailing Address Same As Above

Full name of sixth joint

inventor, if any Douglas H. Wood

Inventor's Signature  Date 1-26-04

Residence 143 Coffee Street, S.E.

Palm Bay, FL 32907

Citizenship USA

Mailing Address Same As Above

Full name of seventh joint

inventor, if any James A. Proctor, Jr.

Inventor's Signature _____ Date _____

Residence 258 Sea View Street

Melbourne Beach, FL 32951

Citizenship USA

Mailing Address Same As Above

Full name of eighth joint

inventor, if any Kenneth M. Gainey

Inventor's Signature _____ Date _____

Residence 441 Thrush Drive

Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above



DOCKET NO. 2479.2042-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ADAPTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS

the specification of which (check one)

[] is attached hereto.

[X] was filed on December 23, 2003 as United States Application Number 10/744,912.

[] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [OPTION and assigned United States Application No. []].

[] and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Griffin K. Gothard

Inventor's Signature _____ Date _____

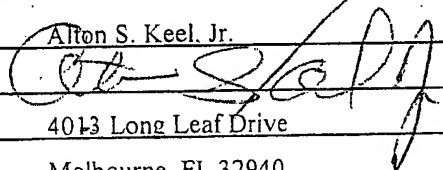
Residence 309 Harwood Avenue
Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

Full name of second joint

inventor, if any Alton S. Keel, Jr.

Inventor's Signature  Date 3/3/04

Residence 4013 Long Leaf Drive
Melbourne, FL 32940

Citizenship USA

Mailing Address Same As Above

Full name of third joint

inventor, if any Christopher A. Snyder

Inventor's Signature _____ Date _____

Residence 2539 Canary Isles Drive
Melbourne, FL 32901-6820

Citizenship USA

Mailing Address Same As Above

Full name of fourth joint

inventor, if any Bing Chiang

Inventor's Signature _____ Date _____

Residence 3662 Whisperwood Circle
Melbourne, FL 32901

Citizenship USA

Mailing Address Same As Above

Full name of fifth joint

inventor, if any Joe T. Richeson

Inventor's Signature _____ Date _____

Residence 2016 Blue Heron Drive
Melbourne, FL 32940

Citizenship USA

Mailing Address Same As Above

Full name of sixth joint

inventor, if any Douglas H. Wood

Inventor's Signature _____ Date _____

Residence 143 Coffee Street, S.E.
Palm Bay, FL 32907

Citizenship USA

Mailing Address Same As Above

Full name of seventh joint

inventor, if any James A. Proctor, Jr.

Inventor's Signature _____ Date _____

Residence 258 Sea View Street
Melbourne Beach, FL 32951

Citizenship USA

Mailing Address Same As Above

Full name of eighth joint

inventor, if any Kenneth M. Gainey

Inventor's Signature _____ Date _____

Residence 441 Thrush Drive
Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

@PFDdesktop\ODMA\MHODMA\HBSR05;iManage;446145;1

DOCKET NO. 2479.2042-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application☐ Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ADAPTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS

the specification of which (check one)

☐ is attached hereto.☒ was filed on December 23, 2003 as United States Application Number 10/744,912.☐ was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] **OPTION** and assigned United States Application No. [].☐ and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

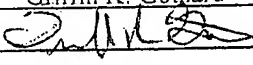
I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Griffin K. Gothard

Inventor's Signature 

Date 1/27/04

Residence 309 Harwood Avenue

Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

Full name of second joint

inventor, if any Alton S. Keel, Jr.

Inventor's Signature _____

Date _____

Residence 410 East Beaver Street

Hellam, PA 17406

Citizenship USA

Mailing Address Same As Above

Full name of third joint

inventor, if any Christopher A. Snyder

Inventor's Signature _____

Date _____

Residence 2539 Canary Isles Drive

Melbourne, FL 32901-6820

Citizenship USA

Mailing Address Same As Above

Full name of fourth joint

inventor, if any Bing Chiang

Inventor's Signature _____

Date _____

Residence 3662 Whisperwood Circle

Melbourne, FL 32901

Citizenship USA

Mailing Address Same As Above

Full name of fifth joint

inventor, if any Joe T. Richeson

Inventor's Signature _____ Date _____

Residence 2016 Blue Heron Drive
Melbourne, FL 32940

Citizenship USA

Mailing Address Same As Above

Full name of sixth joint

inventor, if any Douglas H. Wood

Inventor's Signature _____ Date _____

Residence 143 Coffee Street, S.E.
Palm Bay, FL 32907

Citizenship USA

Mailing Address Same As Above

Full name of seventh joint

inventor, if any James A. Proctor, Jr.

Inventor's Signature _____ Date _____

Residence 258 Sea View Street
Melbourne Beach, FL 32951

Citizenship USA

Mailing Address Same As Above

Full name of eighth joint

inventor, if any Kenneth M. Gainev

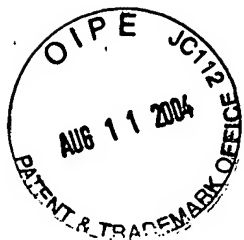
Inventor's Signature _____ Date _____

Residence 441 Thrush Drive
Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

@PFDesktop\ODMA\MHODMA\HBSR05;iManage;446145;1

DOCKET NO. 2479.2042-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application☐ Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ADAPTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS

the specification of which (check one)

☐ is attached hereto.☒ was filed on December 23, 2003 as United States Application Number 10/744,912.☐ was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] **[OPTION]** and assigned United States Application No. [].☐ and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Griffin K. Gothard

Inventor's Signature _____

Date _____

Residence 309 Harwood Avenue

Satellite Beach, FL 32937

Citizenship USA

Mailing Address Same As Above

Full name of second joint

inventor, if any Alton S. Keel, Jr.

Inventor's Signature _____

Date _____

Residence 410 East Beaver Street

Hellam, PA 17406

Citizenship USA

Mailing Address Same As Above

Full name of third joint

inventor, if any Christopher A. Snyder

Inventor's Signature _____

Date _____

Residence 2539 Canary Isles Drive

Melbourne, FL 32901-6820

Citizenship USA

Mailing Address Same As Above

Full name of fourth joint

inventor, if any Bing Chiang

Inventor's Signature _____

Date _____

Residence 3662 Whisperwood Circle

Melbourne, FL 32901

Citizenship USA

Mailing Address Same As Above

Full name of fifth joint

inventor, if any Joe T. Richeson
Inventor's Signature *Joe T. Richeson* Date 02/05/04
Residence 2016 Blue Heron Drive
Melbourne, FL 32940
Citizenship USA
Mailing Address Same As Above

Full name of sixth joint

inventor, if any Douglas H. Wood
Inventor's Signature _____ Date _____
Residence 143 Coffee Street, S.E.
Palm Bay, FL 32907
Citizenship USA
Mailing Address Same As Above

Full name of seventh joint

inventor, if any James A. Proctor, Jr.
Inventor's Signature _____ Date _____
Residence 258 Sea View Street
Melbourne Beach, FL 32951
Citizenship USA
Mailing Address Same As Above

Full name of eighth joint

inventor, if any Kenneth M. Gainey
Inventor's Signature _____ Date _____
Residence 441 Thrush Drive
Satellite Beach, FL 32937
Citizenship USA
Mailing Address Same As Above